

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Please amend the claims as follows:

1. (Currently Amended) A method of providing asymmetric Ethernet service, comprising:

providing an Ethernet network remote from a point of service and in communication with the point of service; and

establishing an asymmetric Ethernet communication between the remote Ethernet network and the point of service to allow access to the asymmetric Ethernet service by a subscriber, wherein establishing the asymmetric Ethernet communication comprises utilizing aggregated Ethernet connections to increase data transfer bandwidths while maintaining asymmetry.

2. (Original) The method of claim 1, wherein the upload speed from the point of service to the Ethernet network through the asymmetric Ethernet communication is faster than the download speed from the Ethernet network through the asymmetric Ethernet communication to the subscriber point of service.

3. (Original) The method of claim 1, wherein the upload speed from the point of service to the Ethernet network through the asymmetric Ethernet communication is slower than the download speed from the Ethernet network through the asymmetric Ethernet communication to the point of service.

4. (Original) The method of claim 1, wherein establishing an asymmetric Ethernet communication between the Ethernet network and the point of service comprises:

utilizing a first asymmetric DSL modem to provide an Ethernet port for connection to the Ethernet network; and

utilizing a second asymmetric DSL modem to provide an Ethernet port for the point of service, where the first asymmetric DSL modem is in data communication with the second asymmetric DSL modem to carry the Ethernet communications asymmetrically.

5. (Original) The method of claim 4, wherein establishing an Ethernet communication between the Ethernet network and the point of service further comprises:

utilizing a third asymmetric DSL modem to provide an Ethernet port for connection to the Ethernet network, wherein the Ethernet port of the third asymmetric DSL modem and the Ethernet port of the first asymmetric DSL modem are aggregated at an aggregator device in communication with the Ethernet network; and

utilizing a fourth asymmetric DSL modem to provide an Ethernet port for the point of service, wherein the Ethernet port of the fourth asymmetric DSL modem and the Ethernet port of the second asymmetric DSL modem are aggregated at an aggregator device at the subscriber point of service

6. (Currently Amended) A system for providing asymmetric Ethernet service, comprising:

an Ethernet network including an Ethernet port;
a point of service located remotely from the Ethernet network; and
an asymmetric Ethernet communications connection between the point of service and the Ethernet port of the Ethernet network, wherein the asymmetric Ethernet communications connection is configured to provide provides for an upload speed from the point of service to the Ethernet port of the Ethernet network that is a different speed than a download speed from the Ethernet port of the Ethernet network to the point of service, wherein the asymmetric Ethernet communications connection is established by utilizing aggregated Ethernet connections to increase data transfer bandwidths while maintaining asymmetry.

7. (Original) The system of claim 6, further comprising:

a first ADSL modem providing an Ethernet port in communication with the Ethernet port of the Ethernet network; and
a second ADSL modem at the point of service in communication with the first ADSL modem to carry the Ethernet communications asymmetrically.

8. (Original) The system of claim 7, wherein the Ethernet network further comprises:

a third ADSL modem aggregated with the first ADSL modem; and

a fourth ADSL modem in communication with the third ADSL modem and being aggregated with the second ADSL modem to carry the Ethernet communications asymmetrically.

9. (Original) The system of claim 8, further comprising a first Ethernet switch aggregating the first ADSL modem with the third ADSL modem and a second Ethernet switch aggregating the second ADSL modem with the fourth ADSL modem.

10. (Original) The system of claim 9, wherein the first and second Ethernet switches perform rate shaping and load balancing when transferring data.

11. (Original) The system of claim 6, wherein the upload speed from the point of service to the Ethernet network is faster than the download speed from the Ethernet network to the point of service.

12. (Original) The system of claim 6, wherein the upload speed from the point of service to the Ethernet network is slower than the download speed from the Ethernet network to the point of service.

13. (Currently Amended) A system for providing asymmetric Ethernet service to a network device of a subscriber, comprising:

an Ethernet network including an Ethernet port;

a point of service located remotely from the Ethernet network;

an Ethernet connection between the point of service and the Ethernet port of the Ethernet network, wherein the Ethernet connection provides for an upload speed from the point of service to the Ethernet port of the Ethernet network that is a different speed than a download speed from the Ethernet port of the Ethernet network to the point of service, wherein the Ethernet connection is established by utilizing aggregated Ethernet connections to increase data transfer bandwidths while maintaining symmetry; and

an Ethernet connection between the point of service and the network device of the subscriber.

14. (Original) The system of claim 13, wherein the Ethernet connection between the point of service and the network device of the subscriber includes a router positioned between the point of service and a computer.

15. (Original) The system of claim 13, further comprising an ADSL modem providing the Ethernet port of the service provider data network.

16. (Original) The system of claim 14, wherein the service provider data network further comprises a second ADSL modem in communication with the ADSL modem.

17. (Original) The system of claim 16, wherein the service provider network further comprises a third ADSL modem aggregated with the ADSL modem and further comprises a fourth ADSL modem in communication with the third ADSL modem and being aggregated with the second ADSL modem.

18. (Original) The system of claim 17, wherein the service provider network further comprises a first Ethernet switch aggregating the ADSL modem with the third ADSL modem and a second Ethernet switch aggregating the second ADSL modem with the fourth ADSL modem.

19. (Original) The system of claim 18, wherein the first and second Ethernet switches perform rate shaping and load balancing when transferring data.

20. (Original) The system of claim 14, wherein the upload speed from the subscriber point of service to the service provider network is faster than the download speed from the service provider network to the subscriber point of service.

21. (Original) The system of claim 14, wherein the upload speed from the subscriber point of service to the service provider network is slower than the download speed from the service provider network to the subscriber point of service.